

Abstract

A procedure for sequential molding of an assembled object and a machine for the performance of the procedure are provided. A mold has a stationary front part, a movable back part and at least one turnable middle part. After the molding of the first part of an object, the middle part is turned at least once around an axis orthogonal to the moving direction between the front part and the back part, before the molding of the following part of the object takes place. Injection and cooling can take place in the front part and in the back at the same time. In an alternative embodiment, the middle part can be fitted with insulation to maintain a higher temperature between different regions of the mold assembly, making it possible to mold together considerably different materials such as a thermoplastic material and an elastomer, a silicone, or metal and plastic.